

**MATERIAL SAFETY DATA SHEET**

DATA SHEET # 343243CB

PRODUCT NAME: INVADER HPX RESIDUAL WITH BAYGON-  
ALL SIZES (1,1,1-TRI. FREE VERSION)

EPA REG. # 9444-186

**SECTION I - General Information**MANUFACTURED BY: WATERBURY COMPANIES, INC.  
COMMERCIAL PRODUCTS DIVISION  
P.O. BOX 640, INDEPENDENCE, LA 70443

24 HOUR EMERGENCY CONTACT (CHEMTREC): (800) 424-9300

PRODUCT &amp; SALES INFORMATION: (203) 597-1812

MSDS INFORMATION: (504) 878-6751

DATE REVISED: 8/12/98 DATE PRINTED: 8/14/98

PREPARED BY: J.C.A

HAZARD RATING: (NFPA 704):

Health:-1- Fire:-3- Reactivity:-1- Special:-none-

Note: NFPA 704 hazard ratings are general - not comprehensive, and are subject to interpretation. All MSDS information must be considered when evaluating safe material handling procedures.

SHIPPING INFORMATION - PER US DEPARTMENT OF TRANSPORTATION (DOT) REGULATIONS:

DOT STATUS: Regulated only when offered for transportation or transported by aircraft.

PROPER SHIPPING NAME (OR DESCRIPTION IF NOT REGULATED BY DOT): When transported by ground or vessel, this product is exempt from shipping paper requirements of US DOT-Use "Insecticides, Agricultural, N.O.S." as the shipping description. When transported by aircraft, proper shipping name is "Consumer Commodity."

HAZARD CLASS: ORM-D

ID#: None

PACKING GROUP: N/A

LABEL REQUIRED: None

NATIONAL MOTOR FREIGHT CLASSIFICATION # AND LTL CLASS:  
102120-Class 60

EXPORT SHIPMENTS:

Contact manufacturer for international shipping information.

**SECTION II - Hazardous Ingredients/identity information**

Hazardous components greater than 1.0% (0.1% for carcinogens or suspected carcinogens).

	CAS #	% by weight	OSHA PEL	ACGIH TLV	OTHER LIMITS:
Propoxur	114-26-1	1.000	N.E.	0.5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup> OSHA TWA
Carbon dioxide	124-38-9	<5	N.E.	5,000molar ppm	3000ppm ACGIH STEL
n-Propanol	71-23-8	15-25	200ppm	200ppm TWA	250ppm ACGIH STEL
Isoparaffinic Hydrocarbon Blend	64741-66-8	15-25	N.E.	N.E.	400ppm (Exxon)
Nonhazardous Components	N/A	55-65	N/A	N/A	N/A

**SECTION III - SARA TITLE III Section 313 Supplier Notification**

This product contains the following toxic chemical subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and 40 CFR 372.

CAS # 114-26-1 Propoxur PERCENT BY WEIGHT: 1.00

This information must be included in all MSDS's that are copied and distributed for this material.

**SECTION IV - Physical/Chemical Characteristics**

BOILING POINT: N/A

SPECIFIC GRAVITY (H<sub>2</sub>O = 1): 0.8

VAPOR PRESSURE (mm Hg): 5738

MELTING POINT: N/A

VAPOR DENSITY (AIR = 1): N/A

EVAPORATION RATE (BUTYL ACETATE = 1): N/A

SOLUBILITY IN WATER: Insoluble

APPEARANCE AND ODOR:

Strong, spray with characteristic Baygon odor.

**SECTION V - Fire and Explosion Hazard Data**

FLASH POINT (METHOD USED):

Extremely flammable per EPA (flame projection test).

NFPA 30B AEROSOL CLASSIFICATION: Level 3 aerosol.

FLAMMABLE LIMITS: N/A LEL: N/A UEL: N/A

EXTINGUISHING MEDIA: CO<sub>2</sub>, Dry Chemical, Foam.

SPECIAL FIRE FIGHTING PROCEDURES: Self contained air supply suggested. Keep containers cool to avoid bursting.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Exposure to temperatures above 130° F may cause bursting.

**SECTION VI - Reactivity Data**

STABILITY: UNSTABLE: --- STABLE -YES-

CONDITIONS TO AVOID: Open flames and very hot surfaces can cause thermal decomposition.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong alkalines, acids, and oxidizers.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon dioxide, carbon monoxide, methyl isocyanate, and methyl amine.

HAZARDOUS POLYMERIZATION:

MAY OCCUR: --- WILL NOT OCCUR -X-

CONDITIONS TO AVOID: None known.

**SECTION VII - Health Hazard**ROUTE(S) OF ENTRY: INHALATION? -YES- SKIN? -YES-  
INGESTION? -YES-HEALTH HAZARDS (ACUTE AND CHRONIC):  
Cholinesterase inhibition.

CARCINOGENICITY:

NTP? -NO- IARC MONOGRAPHS? -NO-

OSHA REGULATED? -NO-

SIGNS AND SYMPTOMS OF EXPOSURE: Dermatitis, headaches, nausea, abdominal cramps, diarrhea, sweating, pinpoint pupils, blurred vision, salivation, tearing, tightness in chest, convulsions, cholinesterase inhibition.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Any disease, medication or prior exposure which reduces normal cholinesterase activity may increase susceptibility to the toxic effects of the active ingredient. Skin contact may aggravate an existing dermatitis condition.

EMERGENCY AND FIRST AID PROCEDURES: IF SWALLOWED: Call a physician immediately. Do not induce vomiting. IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists. IF ON SKIN: Remove contaminated clothing and immediately wash skin with soap and water. IF INHALED: Remove victim to fresh air and apply respiration if necessary. NOTE TO PHYSICIAN: If symptoms of Cholinesterase Inhibition are present, Atropine sulfate is antidotal.

**SECTION VIII - Precautions for Safe Handling and Use**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: If container is ruptured or begins to leak, place in a well-ventilated area free of sparks and ignition sources. Pesticide that cannot be used according to label instructions must be disposed of according to all applicable Local, State and Federal procedures.

WASTE DISPOSAL METHOD: Do not reuse empty container. This container may be recycled in the few but growing number of communities where (steel) aerosol can recycling is available. Before offering for recycling, empty the can by using the product according to the label. (DO NOT PUNCTURE!) If

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recycling is not available, wrap the container and discard in the trash. Any remaining or collected liquid from punctured cans should be disposed of in a safe manner at an approved facility in accordance with Local, State, and Federal regulations.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** This insecticide is for use only with injection tube and for injecting into crack and crevices where insects may be hiding, living and breeding. Place injector tip 1/2 inch into cracks, crevices, holes and other small openings where insects may be a problem. Release approximately 1 second spray per spot. In serious infestations, if possible place spots approximately 12 inches apart. In light infestations or preventative treatment, place spots approximately 3 feet apart.

**OTHER PRECAUTIONS:** Do not contaminate water, food or feed by storage or disposal. Store in a cool, dry area away from heat or open flame. It is a violation of federal law to use this product in a manner inconsistent with its labeling. Read label. Do not spray on plastic, painted or varnished surfaces or directly into electronic equipment such as radios, TVs, computers, etc.

This product is authorized for use in plants operating under USDA Inspection and Grading Programs as a CATEGORY F-2 substance.

**SECTION IX – Control Measures**

**RESPIRATORY PROTECTION (SPECIFY TYPE):**

Not required - avoid breathing mist.

**VENTILATION:**

**LOCAL EXHAUST:** As required to keep airborne concentrations below the acceptable levels.

**MECHANICAL (GENERAL):** Provide adequate ventilation of area being treated.

**SPECIAL:** N/A

**OTHER:** N/A

**PROTECTIVE GLOVES:** Not required - avoid contact with skin.

**EYE PROTECTION:** Not required - avoid contact with eyes.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Safety glasses with glass lenses recommended.

**WORK/HYGIENIC PRACTICES:** Follow label instructions.

**SECTION X – SARA TITLE III Section 312 Tier Two Inventory Report Information**

When Completing SARA Title III Section 312 Tier Two Inventory Reports, the following information should be used. See local regulations for additional and complete reporting requirements for the specific site.

**CAS #:** N/A - There is no CAS# for this mixture.

This product should be described as:

PURE .....	LIQUID .....	X
MIXTURE.....X	GAS.....	X
SOLID.....		

**PHYSICAL & HEALTH HAZARDS:**

FIRE .....	X	REACTIVITY .....
SUDDEN RELEASE OF PRESSURE.....X		IMMEDIATE.....X
		DELAYED .....
		X

**SECTION XI – Summary of Changes**

Revised Hazard Ruling notes in Section I.

**SECTION XII – Additional Information**

For additional safety information questions contact the Waterbury Companies, Inc. MSDS coordinator at (504) 878-6751.

This information is supplied in good faith, but no warranty expressed or implied is made. Waterbury Companies believes that it is accurate to the best of its knowledge & relates only to the specific material designated herein.

**FOR CURRENT MSDS INFORMATION, CONTACT WATERBURY COMPANIES' CUSTOMER SERVICE DEPARTMENT TOLL-FREE AT 1-800-845-3405; OR SEND FAX TO 1-800-432-9982.**

N/A = NOT APPLICABLE      N.E. = NOT ESTABLISHED